

IN THE CLAIMS**Amendments to the Claims:**

This listing of claims will replace all prior version, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Listing of Claims:

What is claimed is:

1. (Original) A two-directions scanning method, said two directions scanning method comprises:
 - setting a first dpi in a user interface;
 - driving a scan head to make said scan head move along a first scanning direction to proceed with a first scanning procedure, wherein a first image is got from said first scanning procedure;
 - setting a second dpi and a scope in said user interface and said scan head moving along a second scanning direction to proceed with a second scanning procedure in a third dpi at the same time, wherein a second image is got from said second scanning procedure; and transforming said second image to become a third image according to said scope and said second dpi by using a program.
2. (Original) The method according to claim 1, wherein said first dpi is lower than said third dpi.
3. (Original) The method according to claim 1, wherein said second dpi is lower than said third dpi.

4. (Original) The method according to claim 1, wherein said third dpi is a highest dpi of said scan head.
5. (Original) The method according to claim 1, wherein said program transforms said second image to become said third image by adjusting a graph image coordinate.
6. (Original) The method according to claim 1, wherein said program transforms said second image to become said third image by adjusting a dpi scale.
7. (Original) The method according to claim 1, wherein said first scanning direction and said second scanning direction are opposite directions of a line.
8. (Original) The method according to claim 1, wherein said first scanning procedure is a preview procedure.
9. (Original) A two-directions scanning method, said two directions scanning method comprises:
 - selecting a two-directions scanning mode in a user interface;
 - setting a first dpi and a second dpi in said user interface;
 - driving a scan head to make said scan head move along a first scanning direction to proceed with a first scanning procedure, wherein a first image is got from said first scanning procedure;
 - setting a third dpi and a scope of said first image in said user interface and said scan head moving along a second scanning direction to proceed with a second scanning procedure in said second dpi and said first dpi at the same time, wherein a second image is got from said second scanning procedure and saved in a memory; and
 - selecting a program mode and transforming said second image to become a third image according to said scope and said third dpi by using a program.
10. (Original) The method according to claim 9, wherein said first dpi is lower than said second dpi.

11. (Original) The method according to claim 9, wherein said first dpi is lower than said third dpi.
12. (Original) The method according to claim 9, wherein said third dpi is lower than said second dpi.
13. (Original) The method according to claim 9, wherein said third dpi is a highest dpi of said scan head.
14. (Original) The method according to claim 9, wherein said program transforms said second image to become said third image by adjusting a graph image coordinate.
15. (Original) The method according to claim 9, wherein said program transforms said second image to become said third image by adjusting a dpi scale.
16. (Original) The method according to claim 9, wherein a fourth dpi is set in said user interface after said third image is formed.
17. (Original) The method according to claim 16, wherein said second image is transformed to become a fourth image according to said fourth dpi by using said program after said fourth dpi is set.
18. (Original) The method according to claim 17, wherein said can be used to replace said first image.
19. (Original) The method according to claim 9, wherein said program transforms said second image to become said fourth image by adjusting a dpi scale.
20. (Original) A two-directions scanning method, said two directions scanning method comprises:
 - selecting a two-directions scanning mode in a user interface;
 - setting a first dpi in said user interface; driving a scan head to make said scan head move along a first scanning direction from a first scanning end point to a second scanning end point to

proceed with a first scanning procedure, wherein a first image is got from said first scanning procedure and is shown on a monitor;

setting a second dpi and a first scope of said first image in said user interface and said scan head moving along a second scanning direction from said second scanning end point to said first scanning end point to proceed with a second scanning procedure in a third dpi at the same time, wherein a second image is got from said second scanning procedure and is saved in a memory to become a temporary file;

selecting a program mode and transforming said second image to become a third image according to said first scope and said second dpi by using a program to adjust a graph image coordinate and a dpi scale, wherein said third image is shown on said monitor;

setting a fourth dpi and a second scope of said first image in said user interface; and

transforming said second image to become a fourth image according to said fourth dpi and said second scope by using said program to adjust a graph image coordinate and a dpi scale and said fourth image is shown on said monitor to replace said third image.

21. (Original) The method according to claim 20, wherein said first dpi is lower than said third dpi.
22. (Original) The method according to claim 20, wherein said second dpi is higher than said third dpi.
23. (Original) The method according to claim 17, wherein said first dpi is lower than said second dpi.